

12-14-1970

## The Amplifier - v. 16, no. 3

Associated Students of the Montana College of Mineral Science and Technology

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The Ugliest Man

# The AMPLIFIER

Montana College of Mineral Science and Technology

Vol. 16 No. 3

BUTTE, MONTANA

Ashton



Butte

December 14, 1970

## Library Is Of Interest

The Butte Chamber of Commerce is asking the residents of Butte and Tech alumni to contribute \$20,000 to expand the library in English and History reference material.

This money will be used to purchase source and reference materials which have not been provided for in the normal library budget and hopefully assure Tech's receiving permission from the Board of Regents to grant degrees in English and History.

According to Mr. Charles Carveth, chairman of the Montana Tech Committee, of the Butte Chamber of Commerce, approximately 14,000 brochures have been mailed to the residents of Butte and to Tech alumni asking their support. Mr. Carveth noted that if Tech is allowed to grant the degrees in

English and History, both Butte and Tech will profit.

Mr. Carveth also stated that the support of students at Tech would be greatly appreciated.

The fund drive is expected to continue through January.

Spearheaded by the Montana Tech Committee of the Chamber of Commerce, many people have helped implement the drive for library funds. The Butte Chapter of the National Secretaries Association and the students of the Butte Business College put considerable time and effort into the mailings. On campus, the student library assistants Mrs. Donna Clark, several members of the Spurettes, and Henry McClernan, stuffed and mailed the last 1500 brochures.

According to Mr. Howell whose office is handling the return—the initial response of the public is gratifying.

\* \* \* \* \*

The music room in the library is equipped with turn table, amplifier, and head phones. The headphones give excellent sound separation and reproduction. For those who don't care for headphones, the soundbooth in the museum is now open for student use. It is equipped with turn table, amplifier and speaker. Mrs. Peck said that she would like to thank Dr. Doman for assembling and testing the new components.

To gain use of the music facilities, just check at the main desk in the library. At present the music room can handle only one person at a time, but

## SPURETTES Sponsor Ugly Man Dance

S—incere  
P—eople  
U—tilizing  
R—esources for the  
E—xpression of  
T—ime and  
T—alent in  
E—arrest  
S—ervice to Others

Saturday, November 14, 1970, the first annual "Ugly Man Dance" was held at Montana Tech. The dance, sponsored by the Montana Tech Spurettes proved to be one of the most interesting fun projects of the school year. Seven boys were nominated as the Ugly Man Candidates. These boys nominated were Don McCarthy, Dave Burbank, Art Noonan, Jerry Trythall, Bill Richard, Bob Westermarck and Ralph Sorenson. For one week prior to the dance the boys collected penny votes from fellow students. Bill Richards collected the most

votes and in doing so received all of the money that he collected, \$39.43, plus a handsome Trophy designed by the Spurettes. The dance proved to be a fun event for all those who attended. Congratulations to Bill on a job well done.

The Montana Tech Spurettes are active on campus, planning many activities for the coming month. A special Christmas party for all children living in the Soroptomist Home will be held December 22. Gifts and refreshments will be provided to all children.

Many other surprises are in store for this coming month.

Spurettes are truly living up to the motto "At Your Service."

Respectfully submitted,  
Sandy Miller, Editor

## Registration Plans Announced

At a recent meeting of department heads it was decided that registration next semester could be divided into three sequential procedures.

These are 1) counseling; 2) sectioning; 3) registration. The following schedule is suggested for the second semester total registration procedure.

January 4, 1971—Class schedule for second semester will be available.

January 6, 1971—Dean's meeting with faculty to review registration forms and procedures.

January 11 to 29, 1971—Students meet with Advisors to work out tentative class schedules.

February 3, 1971—1:00 to 4:00 p.m.—Sectioning for Graduate and Upper Division Students.

February 4, 1971—9:00 to 12:00 noon—Sectioning for Sophomore Students.

1:00 to 4:00 p.m.—Sectioning for Freshmen Students

February 8, 1971—9:00 to 5:00 p.m.—Official Registration.

Sectioning for all Humanities and Science courses will be done in the Gym. All courses in the Engineering Division will sectioned in the Library-Museum Building.

Prior to sectioning the Registrar will issue to all students tickets which will serve as the student's permit to enter the sectioning rooms at the designated time.

the soundbooth can accommodate 3 to 5 persons comfortably.

The music room is available whenever the library is open. The soundbooth is open only during museum hours.

The record collection was started in 1955 by the Tom Davis Memorial, in memory of a prominent Butte lawyer who was president of Rotary International. The Glee Club and several faculty members have donated to the collection. RCA recently presented a 200 record selection with a wide variety.

The music is catalogued into these areas:

Instrumental—Piano. Orchestra music Symphonies. Suites: for orchestra. from ballets. Symphonic poems. Overtures. Concerts, Piano, violin, with orches-

tra. Orchestra compositions: Dance forms. Operatic excerpts from orchestra: including light opera, musical comedy. Band music: marches. Popular music for small orchestra and jazz bands. Song orchestration. Vocal music: miscellaneous collections. Songs from opera, Comic opera. Choruses, quartets: Men's voices. Special types of songs: folk songs, national song students' songs. Sacred music. Drama. Poetry.

Records can be checked out of the library for 3 days, providing the student has good equipment with a fairly new diamond stylus. To check a stylus for nicks or other signs of wear, see Prof. Smith in the metallurgy department. He will put it under a microscope for examination.



## F M Committee Makes Progress

At the meeting of the F. M. Radio Feasibility Study Committee December 2, tentative plans were made for a field trip to Bozeman in order to study the F. M. station on the campus there.

The station in Bozeman is completely financed by the students. There are 78 people on the station's staff, of which only four are salaried. The station manager receives \$150 a term; the engineer and the two program directors all receive \$100 a term.

The format at Bozeman consists mainly of music.

The date for the field trip has been tentatively set for December 12.

The committee has begun soliciting donations from the downtown businessmen. At the present time, the Anaconda Company has promised the committee \$500.

Other companies the committee plans to contact are: The Montana Power Company, the Telephone Company; the Chamber of Commerce, the Century Club, Booster Club, Kiwanis and small businessmen of Butte.

The committee is also studying the feasibility of student financing for the station. A fee increase of \$2.50 to \$5.00 (for one semester) is the proposed plan.

Any suggestion concerning people to contact for donations of money or equipment, or suggestions concerning necessary action can be made to Gordon Crawford, Dr. Doman, or any committee member.

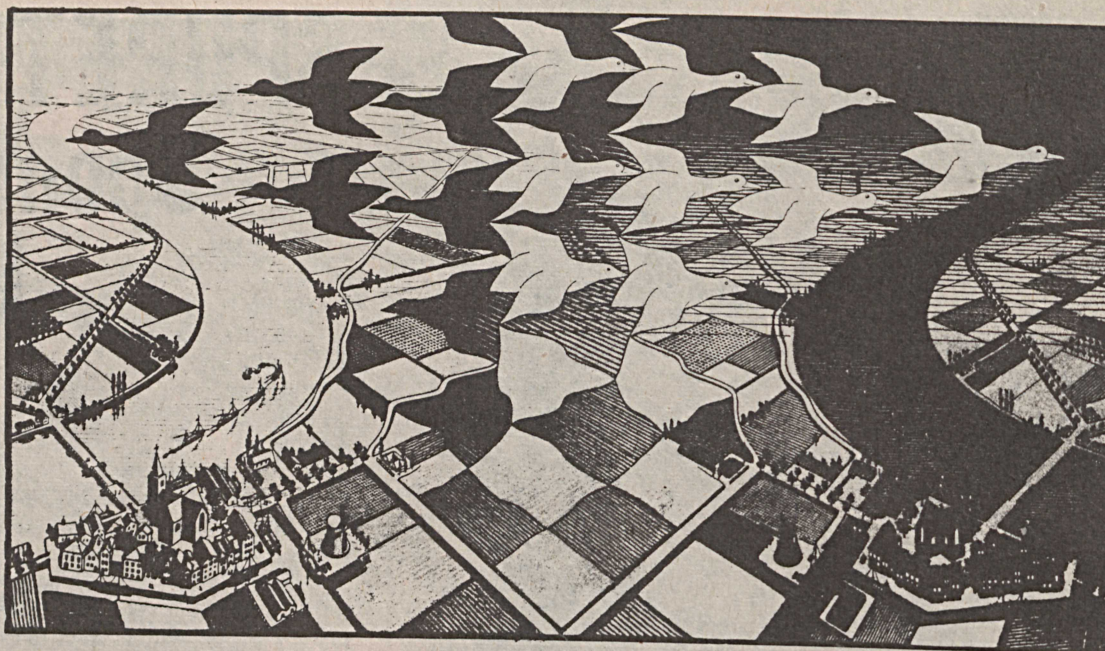
## State AWS Meet Held at Tech

The first state Associated Womens Students' convention to be hosted by Montana Tech was held here November 13 and 14. This is the first time a convention has been held on a campus that did not have a girls dorm.

About fifty women from the Montana University system attended the convention. The colleges represented were MSU, Eastern, Carroll, Western, and of course Tech.

After registration on Friday, a meeting was held at Dr. Koch's home. First on the agenda were short talks on the "Changing Role of Women". Speakers were Mrs. Margaret Flemming from the Butte Social Security Office and Kathy O'Neil, Montana Tech senior. Following the talks there was a discussion of their constitution.

Saturday's activities commenced with breakfast and speeches by Bruce Williams and Mr. Stoltz. After this a session on Guidance Counseling and Job



### Day and Night

Are these fields formed by white birds against a black sky or black birds created out of white fields and sky? In 1970, nearly 40,000 readers -- mostly college students -- pondered problems like this as presented by THE GRAPHIC WORK OF M.C. ESCHER (Hawthorn Books, Inc., \$9.95).

# M.C. Escher's Art Turns Young On

What is the Escher phenomenon all about?

A bearded NYU sophomore puts it this way:

"It's like a trip on pot, but cheaper."

A Northwestern coed, on the other hand, claims that she can't stand to look at an Escher when she's high:

"The combination blows my mind," she says. "I've got to choose one or the other."

Like Indian headbands, graphics by M. C. Escher have been around for quite a while (The Dutch artist is 71 years old). And like those antique artifacts, Escher's work is the object of a current surge of affection in the underground and on college campuses.

His graphics first began to sell in the Twenties, when his geometric interlocking designs appeared in the marketplace near Harlem (The Netherlands). But this year alone—nearly half a century later—he's had a major show at the Phoenix Gallery near Berkeley. His works have been featured in 1970 in such diverse publications as Saturday Review and Rolling Stone, which carried a significant evaluation of his work last spring. He's even made the big-time: the pages of the Whole Earth

catalog, the "insiest" of in- publications. To cap it off, Hawthorn Books, Inc., has put 65,000 copies of THE GRAPHIC WORK OF M. C. ESCHER \$9.95) in print this year to meet the vigorous demand from students and art buffs. The book, first published in 1961 had sold an average of 10,000 copies annually until 1969 when the dykes of Echer's popularity first burst open.

In more erudite fashion than the students quoted above, Thomas Albright (in an article for ROLLING STONE, February 21, 1970) describes Escher's work this way:

"The main reason for the sudden run on Escher is the close parallel of his vision to the themes of contemporary 'psychedelic' art. Escher's stocks in trade are the concepts of a perpetual metamorphosis of one form into another and of the infinite potential with which every image is charged, the fact that nothing is really as it seems and that everything is governed by higher laws of logic and mathematic laws that draw the universe and all its opposing elements together in a mysterious, knowing harmony. He visualizes these themes more articulately and universally than

any other artist alive, and in a seemingly infinite variety of ways."

Escher studied at the School of Architecture and Decorative Arts in Harlem in the Twenties. Since then, he has lived in Switzerland, Belgium, and Holland, where he currently makes his home. He divides the bulk of his work since 1935 into nine broad categories, three of which are 1) those based on the regular division of a plane in a never-ending optical continuum; 2) those prints in which the background and foreground change places and 3) those in which a geometric plane (a triangle or square, for instance) evolves into a three-dimensional bird or reptile.

Possibly the most significant comprise a fourth class, those ROLLING STONE calls, "story pictures." For example, "a procession of reptiles emerges from a group of sketches on a drawing board, carry forth a brief existence as they crawl over books and inkwells, snort smoke and then return to their paper images."

If you would like a review copy of THE GRAPHIC WORK OF M. C. ESCHER, please write to Mab Gray, Hawthorn Books, 70 Fifth Ave., New York, N. Y. 10011.

state officers were elected for the coming year, they were President, Laura Likarish, Tech Vice-President, Karen Higler, Eastern; Treasurer, Evelyn Mangold, Carroll; Secretary, Sheila Rivers, Tech; and Corresponding secretary, Ann Sandstrom, Western.

Opportunities was held by Mr. Maney and then a discussion on "The Free University" was held by Miss Engel.

Highlights of the convention was a luncheon at the Finlen where Peter B. Anderson spoke on Planned Parenthood—World Population. After this the new

## Heater Receives Coal Scholarship

The annual \$750 Consolidated Coal Company scholarship has been awarded to Don Heater, Montana Tech junior, according to Paul Stanek, personnel representative for the company.

The scholarship is awarded each year to an outstanding mining engineering student at the college. Heater earned a 3.57 grade point average during his last term in school and he has better than a B average after completing two years of work in mining engineering.

## Married Students Get Free Break

Student Council has passed a motion to allow married students and their families into student activities on the student activity card, with and additional fee of \$5.00 per year.

The motion almost failed to pass because Bob Westermarck brought out the fact that it was unconstitutional for the Student Council to vote a fee increase. It was then decided that it would not be a fee increase but only a pass for those married students wishing it.

Bob Chebul moved that students may purchase these tickets for the rest of the school year at \$2.50, as soon as the mechanics for the system can be set up. The money received from these sales will then go into the general fund.

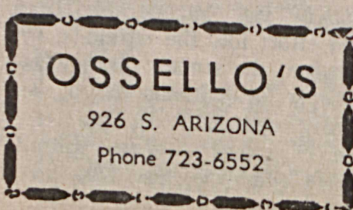
## Parents, Faculty Attend Coffee Hour

A coffee hour for parents of Montana Tech students and the faculty was held Sunday November 15.

The gathering, arranged by the Montana Tech Faculty Women's Club, took place in the Student Union Building. It was a huge success.

A brief program was held featuring three speakers. They were Donald W. McGlashan, vice-president of the college and director of research and development, Gustav Stoltz Jr., dean of student affairs, and Victor Burt, business manager.

Co-chairmen for the annual coffee hour were: Mrs. F. C. Bossard and Mrs. F. M. Young. Members of the planning committee were: Mrs. Joseph Murray, Mrs. John McCaslin, Mrs. George Sarsfield, Mrs. L. G. Twindwel, Mrs. W. Clifford Laity, Mrs. G. P. DeVault, Mrs. William Eowell, Mrs. John Dunstan, Mrs. D. W. McGlashan, Mrs. Vernon Griffiths, Mrs. Gustav Stoltz, Mrs. E. E. Gless, Mrs. John McGuire, Mrs. M. K. Botz, Mrs. Jerry Saffell, and Mrs. Robert Stephens.





# Editor Talks . . .

## Evaluation Money Could Buy Books

Each year the Administration sponsors a poll to find out who, among the faculty, is the most popular with the students. The prize for this popularity game is \$1,000 for the three most liked.

It should be said here that the game is set up to be an evaluation of the teachers' ability to teach. In reality though it becomes a popularity contest. (Opinion, not fact)

In lieu of the fact that the school is in such desperate need of funds for the library, it would be a most generous action if the faculty were to contribute the \$3,000 to the Library Fund. They could do this directly or they could give it to the Chamber of Commerce's drive.

The way I understand it, in the grant that supplies the \$3,000 for the contest there is an additional \$3,000 that has no strings attached. That is to say, it can be used for any worthwhile cause in the school. This money could also be turned over to the library.

What about the game? Well you could still play it. And maybe, without the prize, it could become a true instrument of education.

Question: Are the students allowed to have copies of the minutes of faculty meetings? If we are, why has no one seen

them? Could it be that the students are too apathetic to ask for them? If we are not allowed to have these records, why not?

Also, at recent faculty meetings, there have been discussions about a pass-fail system, non-credit courses, and other issues of prime importance to the students of this school. Why hasn't the faculty asked us how we feel about these issues? I think that it is about time the powers of this institution realized that without us they have no jobs. We deserve, not only because we ARE the school but also because we are human beings in a democratic civilization (?), to have some say in matters concerning our education. I don't ask that we have any power in the making of policies. I realize that we are far too immature and ignorant to do that. I ask that we be allowed to enter into the discussions of the issues and that our ideas be considered.

COMMENTS: Athletics on this campus are being used as a tool in the power games of politics. As with any other noble activity, involvement in politics leads to degradation.

Why is it that if a student is caught with alcoholic beverages on campus, he is expelled or severely punished but if a faculty member is caught, nothing is done.

## Football Stalwarts Not Village Idiots ---- Professor States

Dear Sir:

Since the Athletic Department has been charged as being a principal cause of deficiencies in the College's physical plant and teaching capabilities, perhaps that Department will be accused of causing a decline in student quality, also. Consider the following FACTS:

(a) The 23 freshmen athletes in football scored ten ACT percentile points higher than did all other entering freshmen;

(b) Thirteen of these 23 have indicated a major in engineering and these 13 scored thirty ACT percentile points higher than did all other entering freshmen;

(c) At least 8 of the 23 had been awarded academic scholarships before their athletic intentions were known.

Admittedly, an ACT score represents potential rather than a promise. The athletes' ACT scores do not guarantee their academic success. But the scores do indicate that the athletic program can be credited with attracting better quality students to our campus. The above facts indicate to me that we don't have a team comprised of village idiots.

Congratulations are in order to the Athletic Department for taking a group of potentially fine students and molding it into a championship football team

Yours very truly,  
Dr. William G. Halbert,  
Head Department of  
Petroleum Engineering

Several months ago my employer, a local optometrist, overheard a rather unique conversation between two of his patients.

Mr. Brown, who is a very intelligent and congenial fellow, attempted to begin a stimulating conversation with a hillbilly who was sitting near him. He looked up from the magazine that he was reading and asked, "What do you think of marajuana?" The hillbilly eagerly replied, "My wife and I have been saving our money for years just so we can go there." Well, needless to say, Mr. Brown was slightly stunned, but since he is of the imaginative sort, he quickly recovered and decided to try his luck again. "What do you think of L.S.D.?" he asked. "He's the worst \*\*\* president we ever had!"

## Miners Bank of Montana

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OF ALL  
POSSIBLE  
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## Dean Speaks Out On D. W. Editorial

Dear Mr. D. W.:

As Dean of Student Affairs at Montana Tech, I should like to respond to your editorial, "Is Tech Progressing?", in which you publically deliver a scathing and personal attack upon my character. You also bemoan the inescapable fact that anyone in a position of responsibility should have the necessary attendant authority (you have chosen the terminology "power").

It is certainly your privilege to espouse whatever opinions you choose, regardless of the "logic" upon which they are based. However, my record of fifteen years of service to your College—and, incidentally, my College—is a matter of public record and open to comprehensive scrutiny on any basis by anyone. I suggest that the merit of this record can withstand the impetuous verbal assault by a student who was admonished for good reason in the confines of my office and who chooses to make a public issue of the matter.

I submit the following for your further consideration. Your own effectiveness as an engineer or any other kind of responsible professional will be totally lacking unless you are accorded and use an authority ("power", if you prefer) commensurate with your assigned responsibilities. As a matter of fact, responsibility is generally considered abrogated when necessary authority, tempered with understanding, judgment and compassion, is not exercised against impropriety.

Within the purview of this rationale, then, it is my pledge to the Montana Tech student body to continue to administer the Dean of Student Affairs office with fairness and equitable treatment of all students, together with the recognition of my responsibility to those students who accept and exemplify the codes of good citizenship. I further pledge to exercise fairly whatever necessary authority that is vested in my office to the end that we continue providing the very best possible learning environment at Montana Tech—the very purpose of our College.

Respectfully submitted,  
Gustav Stolz, Jr., (PE)  
Dean of Student Affairs

## Progress and Power Receive Comment

Dear Dave Wittman,

In answer to your editorial "IS TECH PROGRESSING"

The Dean of Student Affairs later to be known as D.O.S.A.F. is progressive.

The D. O. S. A. F. has many jobs as defined by the current catalog:

1. General supervision of student conduct
  2. Supervision of student housing
  3. Questions concerning student conduct
  4. Campus parking regulations
  5. Granting permission of existence for any campus organization
  6. Vehicle registration
  7. Placements of graduates
  8. Judge of student scholarship, integrity, citizenship and HEALTH (?)
  9. Appointment of Dorm Proctors
  10. Finds parttime jobs for students
  11. Scheduling of social, athletic, and forensic events, AND OTHER MATTERS involving action by the Associated Students
  12. Approves the production, circulation, and distribution of publications of any kind like the AMPLIFIER, although the D.O.S.A.F. is not on the faculty Student Publications Committee
- In addition to these jobs the DOSAF serves on the following faculty committees:
- Associated Student Faculty Advisory Committee of which he is Chairman
  - Disciplinary Committee of which he is Chairman
  - Placement Committee of which he is Chairman
  - Copper Lounge Board of Control (the SUB) of which he is Chairman
  - Facilities Planning and Institutional Research—a member
  - Freshman Sophomore Orientation and Counseling—a member
  - Scholarship and Financial Aid Committee a member

And Dave I'm sure you can't complain about the professional excellence with which the DOSAF has accomplished the following:

1. Recruiter
2. Placement officer
3. Parking regulations officer
4. Vehicle registration officer
5. Campus Police Officer
6. Censor and Censure of the student paper and student opinions.

Yes, Dave, I agree with you, the DOSAF seems to have concentrated power. That's a poor choice of words. Doesn't, the word POWER, bring to mind an almost evil misuse of unscrupulously acquired authority. But of course, this is not the case with the DOSAF. He asked for the job and it was awarded to him, and with it; the authority for the above jobs, committees, and incidental matters concerning anything from secret marriages to placement of graduates.

It is my opinion that the DOSAF has spread himself too thin and in an effort to keep together his mountain, he has alienated himself from the students. Students are his main concern, yet I feel the students main concern is only not to get caught by the DOSAF. Except when it is time for a job or placement, then it is buddy, buddy time.

I think the DOSAF should be the man between the students and the administration rather than the man for the administration to whom all students must report. It seems as though he has taken it upon himself to provide the taxpayers of the state of Montana with an excellent investment of their tax dollar. He demands an atmosphere "conducive to highest scholastic attainment, seriousness of purpose . . . and social responsibility" But not one where ideas can be freely discussed and viewed. The students and faculty are certainly fortunate that this authority stops at the classroom door. This is because the classroom is the sanctuary of the learning process, whereas the SUB or the AMPLIFIER, or the Dorm, student government, are not open doors to learning but must be controlled, by the proper authority.

I am not advocating complete liberalization of the non-existing existing (look in your catalog page 66) rules. I am asking for the learning process to be extended outside the classroom and let the students learn by doing rather than by insistant threats of reprisal.

Respectfully submitted,  
Bob Westermarck

\* \* \* \* \*

Friend: Someone who stabs you in the front.

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# Abortion Legislation To Be Considered

A bill proposing that abortion be removed from Criminal Law Codes as a felony will be introduced to the 1971 session of the Montana State Legislature in January.

The present law classifies abortion as a criminal act except when performed to save the life of the mother or in the case of rape.

Three organizations, the Montana Organization for the Repeal of Abortion Laws (MORAL), the Governor's Commission on the Status of Women (GCSW) and the American Association of University Women are supporting the bill. Spokesmen for these organizations said they believe a woman should legally be able to obtain an abortion if she needs one.

Organized opposition to the bill has come from Catholic bishops in Great Falls and Helena. The bishops have said if abortions are legally performed, it will be a "radical departure from the fundamental presumptions on which this nation is founded."

The Commission's proposed bill would make an abortion legal if it is performed in a licensed hospital by a licensed practitioner.

Proposals of the bill include:

\*The law be changed to "leave advisability of abortion to the doctor and woman involved, thus taking the state out of the area of legislating a moral issue."

\*Complete and accurate re-

cords must be kept by physicians.

\*Names of those submitting themselves to abortions will be kept confidential.

\*No hospital or person shall be required to participate in an abortion.

MORAL began as a Woman's Liberation project last summer. Since then it has divorced itself from Women's Lib and become a separate group.

MORAL is de-emphasizing the population control aspect of abortion because many MORAL members are opposed to the idea. They hope that people recognize the importance for a woman to determine what she wants to do with her body. No woman should be forced to bear a child against her will.

MORAL is trying to co-ordinate all politically, socially and economically - oriented individuals concerned with providing safe abortions for all women seeking them. A letter from MORAL was sent to state physicians, senators and lawyers. The number of replies which support or strongly disagree with the bill are about equal.

It is difficult to get people to come out publicly in favor of the bill, although MORAL has received private support. Planned Parenthood in Missoula has not come out publicly in favor of the bill, but it has given private support. The Office of Economic Opportunity subsidizes Planned Parenthood so it feels it cannot give public support.



## Blood Cove and Re-Bar

Imagine for a moment yourself impaled upon one of these cold iron pegs. Imagine — one stuck through your girlfriend's back, pushing through her belly. Imagine — one ripping bloody muscles from your leg as you fall — screaming. Imagine a bloody, torn face — with a hole where an eye once was.

It could happen, any of it. And it will. And when it does

someone will say, "Why, why wasn't something done about that BEFORE? Couldn't they have put a cover over it or something? It would have taken a few minutes and a couple of boards."

I wonder if the contractor would rather pay for a few boards or a face — or a leg — or a girlfriend?

## Call ARS For Abortion in N.Y.

"Since the abortion law has been passed in New York there has been a mammoth back log of patients awaiting abortions."

This statement was taken from a letter from ARS, an agency primarily developed for the college community, containing departments in family planning, abortion referral, birth control, adoption referral, and social services.

A contact to this agency is all that is needed to set up an appointment in New York on an out patient basis. All arrangements including travel can usually be completed within a few days.

Even though New York state has no residency requirements for an abortion they prefer to limit the abortion facilities to residents of the city. However, they can place an out of state patient in any one of many hospital affiliated clinics in New York city with no difficulty.

Besides the ARS another agency operating in New York is Women's Pavillion, Inc. They also aid and counsel patients seeking abortion care.

The Women's Pavillion, Inc., is open seven days a week from 9:00 a.m. to 8:00 p.m. and has a 24-hour answering service. Patients can be scheduled any day of the week without delay.

ARS also submitted with the letter a page explaining the procedure used in the abortion care. Both agencies said they

used the vacuum - aspiration method up to the twelfth week of pregnancy. This method is the most advanced and is really very simple, safe, and painless.

The actual abortion itself takes only ten minutes to perform. The patient is given a local anesthetic and the only discomfort she may experience is about one minute of cramps. Over one-half of all their patients experience no discomfort whatsoever. Most patients can walk right out after the abortion, though some may feel a little dizzy or drunk due to the anesthetic shot. A few patients feel a little tired after the abortion — especially if they have traveled far to get here or if they haven't been sleeping well for a night or two due to worry. These "sleepy" patients are put in the recovery room to rest for ten to thirty minutes afterwards.

Costs were submitted from both organizations to us in the letters.

The Women's Pavillion, Inc., seemed somewhat higher than ARS. The cost for the vacuum-aspiration method from the Women's Pavillion was three hundred and sixty five dollars. ARS claims the cost to be only between two and three hundred dollars. This method can only be used for pregnancy up to twelve weeks. For the method used in pregnancies between sixteen and twenty weeks, cal-




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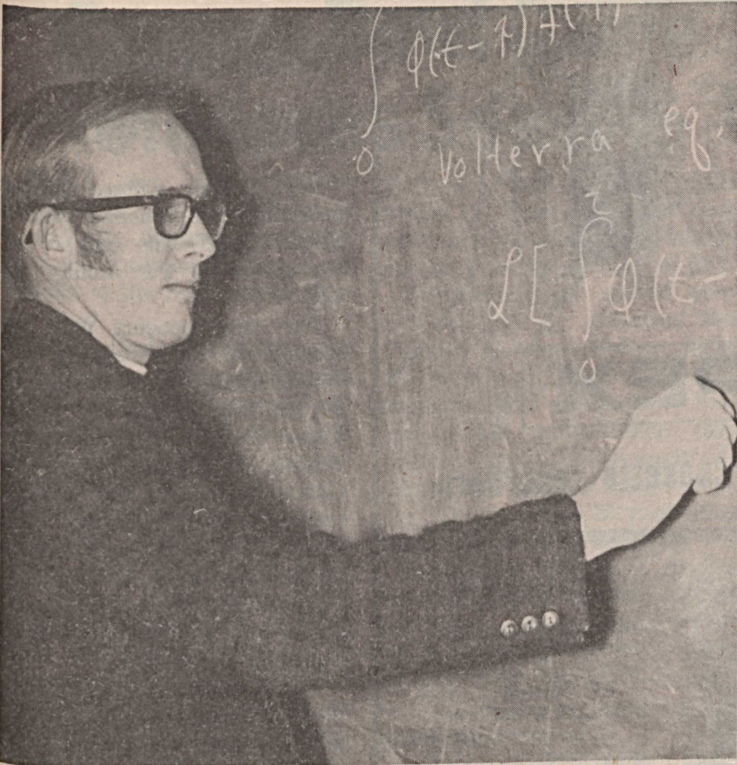
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led "Salting Out" the cost is six hundred and fifty dollars and includes a three night stay in the hospital according to Women's Pavillion. The cost of abortion past the twelfth week is determined upon the financial circumstances of the patient, the period of gestation, the nature of operation, and institution in which it is performed, according to ARS.

Telephone numbers were submitted by both agencies in case there are any questions or comments. WP— (212) 371-6670  
ARS—(215) 878-5800.





# Tech Professor Receives Grant

Dennis Haley, Tech professor, has received a \$2,000 grant from the National Science Foundation. The grant is for research of a mathematical problem involved with blood circulation. Dennis Haley, assistant professor of mathematics, will study the effect of a dye injected into the blood circulation system of animals. The injections, which hopefully will be useful in medicine as a diagnostic device, alters

the blood circulation system by causing convolution. Professor Haley will try to detect the effect of this alteration and correct it; thus undoing the convolution the dye concentration measuring machine has caused. The grant is an extension of the grant Haley started last summer at Illinois Institute of Technology. The current grant will last two years, but Haley hopes to do most of the work this summer.

# Sex and Music TOPS Dave Sheldon says

I figured every long-haired faggot and hard-hatted fascist on campus would be writing his own narrow-minded opinions for this issue, so why should I be left out? You people don't seem to realize that the basis for all the trouble around here is that everyone is so horny, we're all on the verge of mass suicide. It is absolute fact that the only relevant things in this life are sex and music. I can provide you the music, but the rest is up to you. When are you clowns going to wise up? Quit complaining about trivial matters and settle down to some serious frustration release. The most Patriotic and Self-Sacrificing organization on this wierdo campus is the Dance Committee. Support it and save your sanity! Sincerely, Your Dance Committee David J. Sheldon

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# Dance Committee Needs More Help

The Dance Committee of Montana Tech consists of one person, Dave Sheldon, who is having his share of problems. The fact that he has no help is Dave's main complaint. He says he gets little cooperation from school organizations who sponsor dances. For instance, these organizations are supposed to remove the tables and chairs from the SUB before a dance and clean the floor and replace the tables and chairs after the dance. Dave says he and the SUB manager usually end up doing this job. Another problem is the lack of local bands. The cost of hiring a band from Missoula is \$300. Jam, a band from Bozeman gets \$250. Although Dave is paid for his long distance phone calls, he says it would be much more convenient if he had his own business phone. There are eleven more dances planned for the year. Dave tries to keep a balance with the CIC so that the two organizations do not have events on the same night. Non-college students cannot be admitted to the dances because of lack of room in the SUB. Those who have other college ID's are admitted for \$1.00. This charge goes toward paying the two policemen who get \$20 each.

# Pump Mystery Solved at Last

Ever since September, the freshmen have been wondering just what the purpose of that green pump by the corner of the SUB was. Surely it wasn't placed there simply to give the engineering students the incentive to get ahead, and it couldn't be just a monument dedicated to the memory of all engineers, past and present. And it's not. It is there for a purpose.

Leading from that pump is a secret pipe that stretches all the way to the rich oil fields in Alaska. The purpose of this pipe-line is to bring oil to Montana Tech. Once at the pump, the oil is pumped into a 50,000 gallon tank buried under one of the buildings on the campus. (Some people suspect that the tank is under the Petroleum Building; a secret stairway leads from the Pet. building to the tank).

It is stored here until every night at ten o'clock when it is pumped to a refinery hidden under the Library. This refinery is so modern that it gives off very little smoke and other

wastematter. The chimies were installed on the Library to cover the noise of the refinery. (It is suspected that one of the locked doors in the passage under the Library leads to this refinery).

The refined oil is then moved by a series of pipe-lines to an unknown destination. The waste from this refined oil are stored in a large tank under Leonard Field.

The construction around the SUB was undertaken as a cover so that a portion of the pipeline beneath the SUB could be replaced.

This oil is bringing a lot of money to Montana Tech. But where is the money going to? The money is not making the school's officials rich, as some people suspect. It is being used to buy new oil tankers so that the refined oil can be shipped as TECHOIL around the world. It is hoped by those who developed this program (known to insiders as "Operation Oil") that TECHOIL will become the basis for a large fortune that will make Montana Tech the

greatest college in the world. (The oiltankers are registered in Denmark under the name TECHOIL Corporation, Ltd.") An operation as big as this could not possibly hope to continue undetected. Now that's it's ben exposed, perhaps we'll all be given shares of stock, so that we can grow rich with the school.

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# Fascism On The College Campus

There it was, on the first page of every major newspaper in the country. For those who wanted to look extremism in the eye and see fascism in the flesh, the picture of the Cornell University fascist militants was there in all its shocking honor. The angry scowling faces, the loaded deadly rifles, the bandoliers with bullets across their chest. No not some primitive and lawless foreign country, merely civilized and Cornell University.

The scene was something every liberal and apathetic citizen should burn into his mind. The group, a mere handful of black fascists, had seized the Student Union Building, thrown into the cold sleeping parents of students, ripped out light fixtures, rifled candy machines and wrote on the walls: "Kill the Fraternity Homies!"

For 36 hours they broke the law while the lemmings who preside over the school also presided over the beginning of its destruction. In grandiose spinelessness they watched as a car pulled up and rifles were taken into the building. In magnificent timidity they did nothing as hoodlums—masquerading as oppressed students—wrecked their havoc on the building and on the rule of civilization.

And when it was over, when the fascists marched out, their sick, white masochist allies—cleared a path for them and raised their clenched fist. The words they shouted were unclear, but they surely could have been "Beat me!"

And the grand finale of this modern day Breck tragedy was played out to its ludicrous and incredible end. The fascists marched to their Afro-American "headquarters" and stood with loaded weapons while the administration sheep allowed themselves to be shorn.

As the chief hooligan, a sophomore named Whitfield, directed the sheep shearing ceremony, the Cornell officials agreed that they would press no charges against the Fascist hooligans, nor would they defend them in court should any reactionary black guard presume to do so. More, the bleating sheep agreed that judicial proceedings against five blacks who last year had similarly offended society and were subsequently punished by the college, would be nullified.

The sheep had signed and been shorn. They lost more than their wool. They walked out into the quadrangle, naked of any dignity, responsibility or right to continue as leaders of a university. Blame the student—fascists? They are not the major culprits. They are hoodlums parading as aggrieved revolutionaries. But they are not the main culprits! It is men

who allowed this incredible assault on democracy and society who must bear the main brunt of the wrath of every sane and shaken citizen. The unbelievable scene of college officials capitulating—no, more than that for here was surrender with degradation—is a scene that reveals the bankruptcy of the intellectual college leader.

What we are beholding is the shabbiness of moral fibre the lack of comprehension of real politics, the complete incapacity of the denizens of the ivory towers.

What they did wailed the representatives of the Cornell Establishment, had to be done "to prevent a growing and imminent threat of life." what these incompetents fail to understand is that, by their actions, they have guaranteed precisely such a horror.

These insulated theoreticians of life fail so miserably to understand the extremist mind—the mind that is immune to compromise, to reason, to the warmth of interpersonal relationships. These gravediggers of the campus fail to realize that the extremist knows no limits, that no concession is meaningful to him, that self-hate and self-destruction drives him to destroy all other with him.

The fascists at Cornell—black and white—do not hate the college sheep they sheared. Their reaction is infinitely worse. Not hate by contempt—utter, utter, contempt!

What am I driving at? At the inescapable conclusion that the surrender at Cornell and at every other institution hastens the day that the spectre of fascism from the Right will become a reality. Every ordinary and unsophisticated citizen who saw the surrender and watched the fascists triumph realized—clearly—that America and each of its citizens was menaced by the mob. This is the man who will be driven to the new Hitler.

Should that worst of all days arrive, should that Right fascism triumph, it will be forced to thank its many allies who made it all possible: The black fascists at Cornell, the left fascists of S.D.S. and the weak vacillating, frightened Establishment that did nothing. These will have been the descendants of Weimar. They will bury us as they go under themselves. We dare not let them—do we?

\* \* \* \* \*

Wife: "Dear, if I wore this bikini to the beach would I be arrested for overexposure?"

Hubby: "No—For under-development."

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## Violinist Plays Concerts Here

Jack Glatzer, a noted violinist, presented two concerts here on November 17. The concert was sponsored by the faculty and CIC.

The first concert was performed for Tech students at a convocation. As might be expected, there was a sparse crowd present. Instead of presenting an actual concert, Mr. Glatzer discussed the different sounds (voices) of the violin and gave short selections to demonstrate each at this time. For example, he showed how the violin can sound like a flute, bagpipe, and guitar.

The evening concert was more formal. Works by Bach, and Raganini were presented. Mr. Glatzer also had a question and comment session at both concerts to try to help people understand, thereby enjoy violin music more.

Mr. Glatzer has been traveling throughout the country and Europe giving concerts to children and young people. He hopes to interest students in classical music and especially in the violin while playing in these concerts.

This is Mr. Glatzer's second trip to Butte; last year he participated in a Butte Symphony Concert. He has also performed frequently in Europe and has played at numerous summer festivals including Festival do Castelo in Portugal.

## Anaconda Man Gets Scholarship

Richard Talbot, an employee of the Anaconda Company Mining Research Department, has been awarded an Anaconda scholarship of \$1,500.00 for graduate study and research at Montana College of Mineral Science and Technology.

The cooperative work study program for young mineral science engineers is sponsored jointly by the Anaconda Company and Montana Tech. Arrangements between Tech and the Company will enable Talbot to complete his studies for a Master degree in Mining Engineering while working on Company research projects.

Talbot was born in Workingham, Berkshire, England in 1943 and graduated from the Royal School of Mines with a B.S. degree in Mining Engineering. From 1965 to 1967 he worked for Anglo-American Corporation as an engineer at their Premier Diamond mine in Cullinan, Republic of South Africa. Talbot came to the United States in 1967 to work for the Anaconda Company.



# Copper Bowl Game Climaxes Season

Tech's two first quarter touchdowns proved decisive in a defense dominated victory over the Yankton College Grey Hounds in the first annual Copper Bowl.

Tech's first touchdown was set up on a 35 yard Showers to Plute pass which carried the ball to the four yard line. Heater ran the yardage in two plays for the TD.

Tech's next touchdown came on a pass to flanker Dale Anderson, who went in for the TD. Both of Plute's extra point attempts were good making the score 14-0 at half time.

Yankton's only touchdown came on a three yard Cummings to Niglio pass. A two point conversion attempt was successful making the score 14-8.

Tech's final touchdown was set up by Behnke's pass interception on the Yankton 38 yard line. A personal foul moved the ball to the 23 and Obstar bullded for four. Heater then ran 20 yards, breaking three tackles to score the game's final TD. Plute's kick was again successful making the final score 21-8.

The Copper Bowl victory concluded a conference winning season for the Orediggers who lost only their opening game to Black Hills, S. D., by a score of 8-7.

On September 12 Tech defeated Westminster College 31-19 here in Butte. On September

19 Tech defeated the Colorado School of Mines 26-21 and beat Fort Lewis College the following weekend by a score of 27-7.

The Orediggers opened conference play by defeating the Eastern Montana Yellow Jackets 36-30 in a game played in Billings. Tech overcame a Yellow Jacket rally which saw Eastern ahead 30-29 early in the fourth quarter. The winning TD came on a 35 yard pass from Heater to Plute.

On October 10th Tech spoiled homecoming by defeating Carroll College 20-13. The winning TD was set up on a 69 yard pass to Dale Anderson. Heater ran the necessary yardage for the touchdown.

The diggers overwhelmed Rocky Mountain College 49-0 on October 17 in a game played at Alumnio Colliseum. Scoring was led by Anderson who accounted for three TD's.

Homecoming matched Tech with the unbeaten Western Montana College Bulldogs. With less than a minute to go Heater brought the score to 26-27, Western ahead. Heater's conversion run was successful making the final score 28-27.

The last game put Tech against the Northern Montana Lights. Using a varied offense Tech easily won 45-7 claiming an undisputed conference championship, the first for the school in history.

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## Basketball coach Optimistic Man

The 1970 Orediggers basketball team could be "the group of men that will revolutionize basketball at Montana Tech," reports head basketball coach Bob Stephens.

According to coach Stephens, "Tech has never won more than about three games in a season, but we think this time is going to change that."

The 1970 Orediggers basketball team consists of Ted Ackerman, 6'3" freshman. Last year Ackerman was a unanimous All-State selection from C. M. Russell High School. Warren Bickford, 6'1½" junior, Dave Burbank, 6'6" freshman, Logan Happel, 6'4" freshman, Don Klaudt, 6'2½" sophomore, Larry Little, 5'10" freshman, Nick McEnaney, 6'6½" junior who could be Tech's All-American candidate, Darrel Metz, 6'3" junior, Chuck Myers, 6'2" freshman, Glenn Patrick, 6'5" freshman, Steve Scott, 5'10" freshman, Jim Styler, 6' junior, Gary Weber, 6'7" sophomore, and Mike Wetzell, 5'11" freshman.

Stephens wants to emphasize the necessity of having good crowds at the games to back the team.

"We are certainly looking and hoping," he said, "for a lot of support from th student body, the Butte community and surrounding communities, including Deer Lodge, Anaconda and Whitehall."

\* \* \* \* \*

Freshman: "Will you yell if I make love to you?"

Coed: "Well all right, what do you want me to yell?"

### Basketball Schedule

- Nov. 14—Northern Mon. Butte
- Nov. 20—Lewiston, Idaho, there
- Nov. 21—Lewiston, Idaho there
- Nov. 27—Frontier Conf. Dillon
- Nov. 28—Frontier Conf. Dillon
- Dec. 4—College of Idaho Caldwell 1
- Dec. 5—College of Idaho Caldwell
- Dec. 9—Carroll Helena
- Dec. 11—Ore. College of Ed. Monmouth Ore.
- Dec. 12—George Fox College Newburg Ore. 2:00 p.m.
- Dec. 19—College of Great Falls Great Falls
- Dec. 21—University of Alberta Butte
- Dec. 22—University of Alberta Butte
- Dec. 31—Kansas State Teachers Butte
- Jan. 2—Black Hills State Spearfish S. D.
- Jan. 4—South Dakota Tech Rapid City
- Jan. 15—Hiram Scott, Scott Bluff
- Jan. 9—Carroll Butte
- Jan. 12—Western Mont. Dillon
- Jan. 16—Northern Mont. Havre
- Jan. 22—Rocky Mountain Billings
- Jan. 23—Eastern Mont. Billings
- Feb. 6—Eastern Mont. Butte
- Feb. 12—College of Gr. Falls Butte
- Feb. 13—Northern Mont. Butte
- Feb. 16—Western Mont. Butte
- Feb. 19—Rocky Mtn. Butte
- Mar. 1—Hiram Scott Butte

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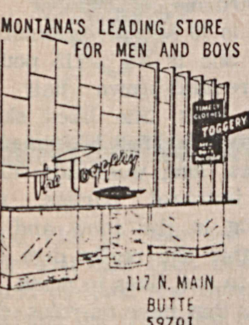


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# AMPLIFIER CHRISTMAS PRESENT

## JERI CARRUTHERS



## MERRY X-MAS



The beauty who adorns this page is Jeri Carruthers. Recently she took an afternoon off to have her pictures taken in places of natural beauty, which in turn enhanced her own natural beauty. The photographs were taken at the World Museum of Mining and the Columbia Gardens.

Jeri is 19 and a sophomore at Tech. She is 5'4", 115 pounds, has reddish-brown hair and brown eyes. She likes skiing, horseback riding, hiking, snowmobiles, long weekends, illegal and immoral parties, men, walking in the snow and rain at night; she really digs cars, loves to eat, likes to drink, play games that have no rules, dancing, and reading newspapers on Main Street at four in the morning. She dislikes plastic people, hates mud, cold feet and bare bottoms; the Viet Nam position, one company towns, industries trying to take over, and ducks. Her favorite pastime is sharing specific feelings with anyone special. Jeri hopes to write books and advertising, intends to get married at a ripe old age, live to be a thousand, and have a good time. She also is a very good poet. Of her family she said, she doesn't see much of her dad, because he's on the road, and says that her mother is cool.

Jeri can be seen any day at Tech running hither and yon between classes, and can be seen in the SUB at various times during the day. This pretty coed is an asset to Tech, and makes going to Tech a bit more pleasant.